

RECEIVED

OCT 09 2002

TECH CENTER 1600/2900



OIPE

RAW SEQUENCE LISTING

DATE: 09/12/2002

PATENT APPLICATION: US/10/031,095A

TIME: 10:14:23

Input Set : A:\PTO.VSK.txt

Output Set: N:\CRF4\09122002\J031095A.raw

3 <110> APPLICANT: The Government Of The United States Of America

5 <120> TITLE OF INVENTION: Production Of Recombinant Respiratory Syncytial Viruses

Expressing Immune

6 Modulatory Molecules

8 <130> FILE REFERENCE: Nih-0379

e- -> 10 <140> CURRENT APPLICATION NUMBER: US/10/031,095A

e- -> 10 <141> CURRENT FILING DATE: 2002-06-24

10 <150> PRIOR APPLICATION NUMBER: PCT/US00/19042

11 <151> PRIOR FILING DATE: 2000-07-12

13 <160> NUMBER OF SEQ ID NOS: 10

15 <170> SOFTWARE: PatentIn version 3.1

17 <210> SEQ ID NO: 1

18 <211> LENGTH: 41

19 <212> TYPE: DNA

20 <213> ORGANISM: Artificial Sequence

22 <220> FEATURE:

23 <223> OTHER INFORMATION: Gene start attachment oligonucleotide for MIFNy

25 <400> SEQUENCE: 1

26 tataaccggg atggggcaaa tatgaacgct acacactgca t 41

29 <210> SEQ ID NO: 2

30 <211> LENGTH: 44

31 <212> TYPE: DNA

32 <213> ORGANISM: Artificial Sequence

34 <220> FEATURE:

35 <223> OTHER INFORMATION: Gene end attachment oligonucleotide for MIFNy

37 <400> SEQUENCE: 2

38 attaccggg aatttttaaat aacttcagca gcgactcctt ttcc 44

41 <210> SEQ ID NO: 3

42 <211> LENGTH: 41

43 <212> TYPE: DNA

44 <213> ORGANISM: Artificial Sequence

46 <220> FEATURE:

47 <223> OTHER INFORMATION: PCR primer for IL-2 with gene start sequence

49 <400> SEQUENCE: 3

50 tataaccggg atggggcaaa tatgtacagc atgcagctcg c 41

53 <210> SEQ ID NO: 4

54 <211> LENGTH: 44

55 <212> TYPE: DNA

56 <213> ORGANISM: Artificial Sequence

58 <220> FEATURE:

59 <223> OTHER INFORMATION: PCR primer for IL-2 with gene end sequence

61 <400> SEQUENCE: 4

62 attaccggg aatttttaaat aactttattg agggcttggtt gaga 44

65 <210> SEQ ID NO: 5

ENTERED

RAW SEQUENCE LISTING

DATE: 09/12/2002

PATENT APPLICATION: US/10/031,095A

TIME: 10:14:23

Input Set : A:\PTO.VSK.txt

Output Set: N:\CRF4\09122002\J031095A.raw

```

66 <211> LENGTH: 20
67 <212> TYPE: DNA
68 <213> ORGANISM: Artificial Sequence
70 <220> FEATURE:
71 <223> OTHER INFORMATION: Sequence flanking IFNy insert with gene start
73 <400> SEQUENCE: 5
74 cccgggatgg ggaaataatg 20
77 <210> SEQ ID NO: 6
78 <211> LENGTH: 23
79 <212> TYPE: DNA
80 <213> ORGANISM: Artificial Sequence
82 <220> FEATURE:
83 <223> OTHER INFORMATION: Sequence flanking IFNy insert with gene end
85 <400> SEQUENCE: 6
86 tgaagttatt aaaaattccc ggg 23
89 <210> SEQ ID NO: 7
90 <211> LENGTH: 14
91 <212> TYPE: DNA
92 <213> ORGANISM: Artificial Sequence
94 <220> FEATURE:
95 <223> OTHER INFORMATION: Detail of XmaI linked sequences
97 <400> SEQUENCE: 7
98 aggccccggg gcct 14
101 <210> SEQ ID NO: 8
102 <211> LENGTH: 83
103 <212> TYPE: DNA
104 <213> ORGANISM: Artificial Sequence
106 <220> FEATURE:
107 <223> OTHER INFORMATION: Sequence flanking GMLSF insert with gene start
109 <400> SEQUENCE: 8
110 agttacttaa aaacatatta tcacaaaagg ccccggggcc ttgaccaaac ttaaacagaa 60
112 tcaaaaataaa ctctggggca aat 83
115 <210> SEQ ID NO: 9
116 <211> LENGTH: 20
117 <212> TYPE: DNA
118 <213> ORGANISM: Artificial Sequence
120 <220> FEATURE:
121 <223> OTHER INFORMATION: Sequence flanking GMLSF insert with gene end
123 <400> SEQUENCE: 9
124 cccgggatgg ggcaaatatg 20
127 <210> SEQ ID NO: 10
128 <211> LENGTH: 23
129 <212> TYPE: DNA
130 <213> ORGANISM: Artificial Sequence
132 <220> FEATURE:
133 <223> OTHER INFORMATION: Detail of XmaI linked sequences
135 <400> SEQUENCE: 10
136 taaagttatt aaaaattccc ggg 23

```

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/031,095A

DATE: 09/12/2002
TIME: 10:14:24

Input Set : A:\PTO.VSK.txt
Output Set: N:\CRF4\09122002\J031095A.raw

Invalid Line Length:

The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:1; Line(s) 5

VERIFICATION SUMMARY

DATE: 09/12/2002

PATENT APPLICATION: US/10/031,095A

TIME: 10:14:24

Input Set : A:\PTO.VSK.txt

Output Set: N:\CRF4\09122002\J031095A.raw

L:10 M:270 C: Current Application Number differs, Replaced Current Application No

L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date